

SEQUENCE LISTING

<110> Carrino, John J.
 Gerrue, Louis O.
 Diver, Jonathan M.

<120> MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC
 ACID SEQUENCES USING LIGATION-DEPENDANT STRAND
 DISPLACEMENT AMPLIFICATION AND BIOELECTRONIC CHIP
 TECHNOLOGY

<130> 238/238

<140> TO BE ASSIGNED

<141> HERewith

<160> 62

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 20

<212> DNA

<213> conserved 16S bacterial sequence

<400> 1

caaatgaatt gacgggggcc

20

<210> 2

<211> 15

<212> DNA

<213> conserved 16S bacterial sequence

<400> 2

aagggttgcg ctcgt

15

<210> 3
 <211> 40
 <212> DNA
 <213> conserved 16S bacterial sequence
 <400> 3

accgcacga atgcatgtcc tcgggtgcat gtggtttaat 40

<210> 4
 <211> 41
 <212> DNA
 <213> conserved 16S bacterial sequence
 <400> 4

acgattcagc tccagacttc tcgggtaaca tttcacaaca c 41

<210> 5
 <211> 20
 <212> DNA
 <213> human
 <400> 5

actacagtga cgtggacatc 20

<210> 6
 <211> 20
 <212> DNA
 <213> human
 <400> 6

tgttatcaca ctggtgctaa 20

<210> 7
 <211> 42
 <212> DNA
 <213> human

<400> 7

accgcacga atgcatgtcc tcgggtctct gggctaataag ga 42

<210> 8
 <211> 42
 <212> DNA
 <213> human

<400> 8

acgattcagc tcagacttc tcgggtaata cctgtattcc tc 42

<210> 9
 <211> 42
 <212> DNA
 <213> human

<400> 9

acgattcagc tcagacttc tcgggtaata cctgtattcc tt 42

<210> 10
 <211> 18
 <212> DNA
 <213> human

<400> 10

ctgtattcct cgcctgtc 18

<210> 11
 <211> 18
 <212> DNA
 <213> E. coli

<400> 11

ctcatctctg aaaacttc

18

<210> 12
 <211> 18
 <212> DNA
 <213> Shigella dysenteriae

<400> 12

cgatatctcta caagggtc

18

<210> 13
 <211> 18
 <212> DNA
 <213> Salmonella typhimurium

<400> 13

tccatctctg gattcttc

18

<210> 14
 <211> 18
 <212> DNA
 <213> Camphylobacter Jejuni

<400> 14

catatctcta taagggtc

18

<210> 15
 <211> 27
 <212> DNA
 <213> conserved 16S bacterial sequence

<400> 15

ggatgtcaag accaggttaag gttcttc

27

<210> 16
 <211> 50
 <212> DNA
 <213> human T-cell leukemia virus-1

<400> 16

aattctaata cgactcacta tagggagagg tgatctgatg tctggacagg

50

<210> 17
 <211> 23
 <212> DNA
 <213> human T-cell leukemia virus-1

<400> 17

acttcccagg gtttggacag agt

23

<210> 18
 <211> 30
 <212> DNA
 <213> human T-cell leukemia virus-1

<400> 18

ttcttttcgg ataccagtc tacgtgtttg

30

<210> 19
 <211> 23
 <212> DNA
 <213> human T-cell leukemia virus-1

<400> 19

acttcccagg gtttgacag agt 23

<210> 20
 <211> 42
 <212> DNA
 <213> human

<400> 20

accgcatcga atgcatgtcc tcgggtctct gggctaata ga 42

<210> 21
 <211> 42
 <212> DNA
 <213> human

<400> 21

acgattcagc tcagacttc tcgggtcaga attctgaaa gg 42

<210> 22
 <211> 20
 <212> DNA
 <213> human

<400> 22

actacagtga cgtggacatc 20

<210> 23
 <211> 20
 <212> DNA
 <213> human

<400> 23

tggtatcaca ctggtgctaa

20

<210> 24
 <211> 18
 <212> DNA
 <213> human

<400> 24

ctgtattcct cgcctgtc

18

<210> 25
 <211> 42
 <212> DNA
 <213> Chlamydia trachomatis

<400> 25

cacgtagtca atgcatgtcc tcgggtacaa catcaacacc tg

42

<210> 26
 <211> 42
 <212> DNA
 <213> Chlamydia trachomatis

<400> 26

acgattcagc tccagacttc tcgggtgaga ctgttaaaga ta

42

<210> 27
 <211> 17
 <212> DNA
 <213> Chlamydia trachomatis

<400> 27

cagcaaataa tccttgg

17

<210> 28
 <211> 19
 <212> DNA
 <213> Chlamydia trachomatis

<400> 28

cattggttga tggattatt

19

<210> 29
 <211> 15
 <212> DNA
 <213> Chlamydia trachomatis

<400> 29

gtcgcagcca aaatg

15

<210> 30
 <211> 16
 <212> DNA
 <213> Chlamydia trachomatis

<400> 30

ttccatcaga agctgt

16

<210> 31
 <211> 42
 <212> DNA
 <213> human

<400> 31

cacgtagtca atgcatgtcc tcgggtataa ccttggctgt ac 42

<210> 32
 <211> 42
 <212> DNA
 <213> human

<400> 32

acgattcagc tccagacttc tcgggtgctc tcatcagtca ca 42

<210> 33
 <211> 19
 <212> DNA
 <213> human

<400> 33

tgaaggataa gcagccaat 19

<210> 34
 <211> 19
 <212> DNA
 <213> human

<400> 34

ctcctctcaa cccccaata 19

<210> 35
 <211> 18
 <212> DNA
 <213> human

<400> 35

agatatacgt gccaggtg

18

<210> 36
 <211> 18
 <212> DNA
 <213> human

<400> 36

ctgatccagg cctgggtg

18

<210> 37
 <211> 45
 <212> DNA
 <213> Salmonella

<400> 37

aattccgcat gagctgggta atgtgtact gtagtaatgc tctgc

45

<210> 38
 <211> 70
 <212> DNA
 <213> Salmonella

<400> 38

cctatcaatt tacctactaa atcacgatta tcccctagag tcatgtgggc tcttcagacc
 tcgccttagc

60

70

<210> 39
 <211> 40
 <212> DNA
 <213> synthetic
 <400> 39

accgcatcga atgcatgtct cgggtaaggc gtactcgacc 40

<210> 40
 <211> 40
 <212> DNA
 <213> synthetic
 <400> 40

cgattccgct ccagacttct cgggtgtact gagatcccct 40

<210> 41
 <211> 48
 <212> DNA
 <213> synthetic
 <400> 41

caacatgaca tcattacgag acgggatagt taaatggatg atttagtg 48

<210> 42
 <211> 42
 <212> DNA
 <213> human
 <400> 42

accgcatcga atgcatgtcc tccggtctct gggctaataag ga 42

<210> 43
 <211> 42
 <212> DNA
 <213> human

<400> 43

acgattcagc tccagacttc tccggtcaga atttctgaaa gg 42

<210> 44
 <211> 21
 <212> DNA
 <213> human

<400> 44

acttctaadc tgtaagagca g 21

<210> 45
 <211> 41
 <212> DNA
 <213> synthetic

<400> 45

gagggcgggt taataatcta cgggtgtcga gtacgcctta a 41

<210> 46
 <211> 63
 <212> DNA
 <213> synthetic

<400> 46

cgattccgct ccagacttct cgggtgtact gagatcccct tgcagaggg atagatccag 60
 agg 63

<210> 47
 <211> 43
 <212> DNA
 <213> synthetic

<400> 47

gatggagttc agtggttaata caatgtgggc gagtacgcct taa

43

<210> 48
 <211> 61
 <212> DNA
 <213> synthetic

<400> 48

cgattccgct ccagacttct cgggtgtact gagatcccct gggttcatca tatctggcgt
 t

60

61

<210> 49
 <211> 39
 <212> DNA
 <213> synthetic

<400> 49

gacgtgctc actagatgtc taggtcgagt acgccttaa

39

<210> 50
 <211> 64
 <212> DNA
 <213> synthetic

<400> 50

cgattccgct ccagacttct cgggtgtact gagatcccct gggtataagt gcttgatact
 ccag

60

64

<210> 51
 <211> 41
 <212> DNA
 <213> synthetic

<400> 51

gatgatgtca tgttgcaatg tcctggtcga gtacgcctta a

41

<210> 52
 <211> 61
 <212> DNA
 <213> synthetic

<400> 52

cgattccgct ccagacttct cgggtgtact gagatcccct catttaacta tcccgctcgc
 t

60

61

<210> 53
 <211> 44
 <212> DNA
 <213> synthetic

<400> 53

gagtaattac cgtttcatc ttttttgggt cgagtaggcc ttaa

44

<210> 54
 <211> 65
 <212> DNA
 <213> synthetic

<400> 54

cgattccgct ccagacttct cgggtgtact gagatcccct ggcttcatca agaataacat
 ctatc

60

65

<210> 55
 <211> 40
 <212> DNA
 <213> synthetic

<400> 55

gatttacgga ctggtctcc ctggtcgag tacgcctaa

40

<210> 56
 <211> 61
 <212> DNA
 <213> synthetic

<400> 56

cgattccgct ccagacttct cgggtgtact gagatccct tcagaagccg tgaagagaat
 g

60

61

<210> 57
 <211> 39
 <212> DNA
 <213> synthetic

<400> 57

gacccaaacc atctgaacc atggtcgagt acgccttaa

39

<210> 58
 <211> 67
 <212> DNA
 <213> synthetic

<400> 58

cgattccgct ccagacttct cgggtgtact gagatccct ttctagtttt tgatttttag
 tattata

60

67

<210> 59
 <211> 42
 <212> DNA
 <213> synthetic

<400> 59

gagtagaggt atgtgatgag ccaatggtcg agtacgcctt aa 42

<210> 60
 <211> 61
 <212> DNA
 <213> synthetic

<400> 60

cgattccgct ccagacttct cgggtgtact gagatcccct ctttgctaa actcggtttt 60
 c 61

<210> 61
 <211> 39
 <212> DNA
 <213> synthetic

<400> 61

gattagctga gcttaccgcc gtggctcagt acgccttaa 39

<210> 62
 <211> 60
 <212> DNA
 <213> synthetic

<400> 62

cgattccgct ccagacttct cgggtgtact gagatcccct ccgtagcaag ttgcgtgaag 60